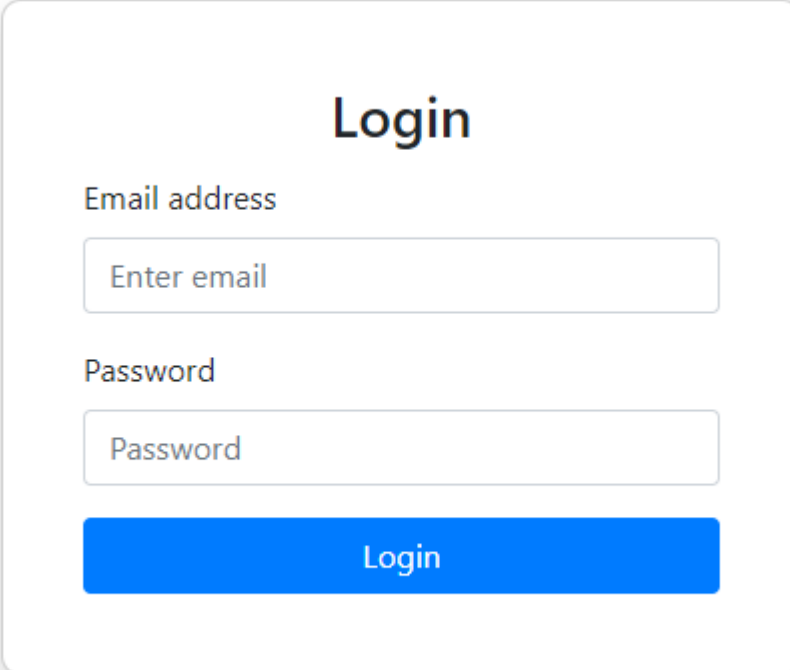


## Assignment 3: Form Validation

Design and implement a responsive Login and Registration page using HTML, CSS (Bootstrap), and JavaScript. Apply proper client-side validations for all input fields (e.g., required fields, email format, password rules) and display appropriate error messages.

### Login page



**Login**

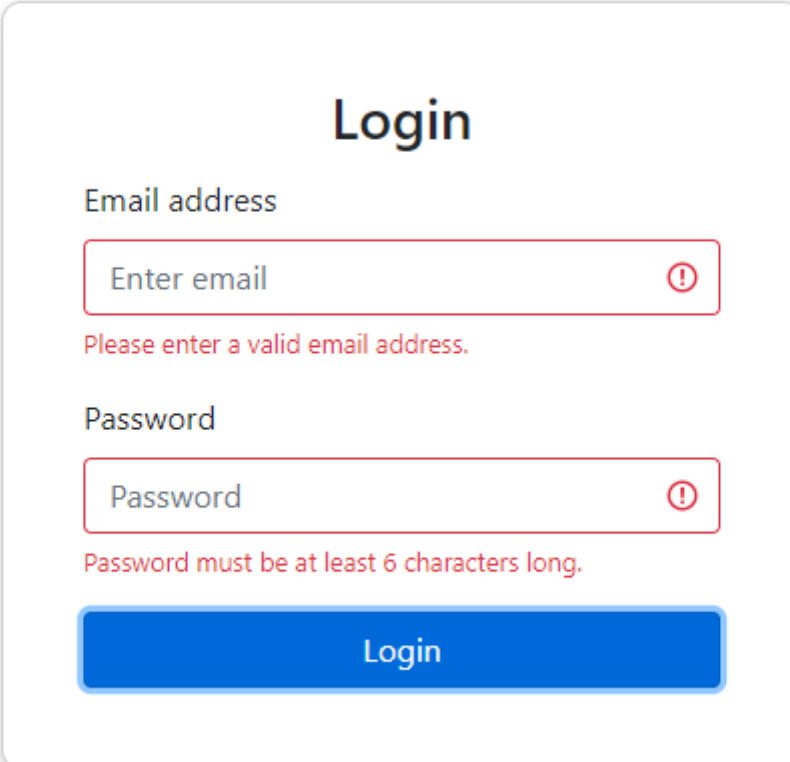
Email address

Password

Login

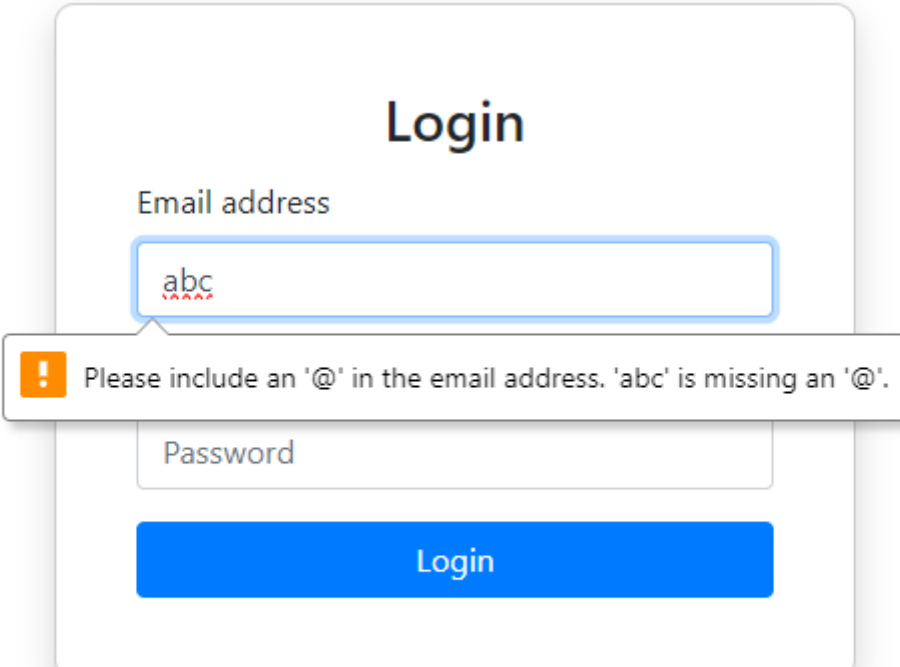
### Screenshots

- if both fields are empty



The image shows a login form titled "Login". It has two input fields: "Email address" and "Password". Both fields are empty and have a red border with a red exclamation mark icon in the top right corner. Below the "Email address" field, there is a red error message: "Please enter a valid email address." Below the "Password" field, there is a red error message: "Password must be at least 6 characters long." At the bottom of the form is a blue button labeled "Login".

- if email is invalid



The image shows the same login form as above, but with the "Email address" field containing the text "abc". The field has a blue border and a red exclamation mark icon in the top right corner. Below the "Email address" field, there is a red error message: "Please include an '@' in the email address. 'abc' is missing an '@'." Below the "Password" field, there is a red error message: "Password must be at least 6 characters long." At the bottom of the form is a blue button labeled "Login".

- email is correct but password is empty

## Login

Email address

abc@mail.com ✓

Password

Password !

Password must be at least 6 characters long.

Login

- if password length is less than 6

## Login

Email address

abc@mail.com

Password

.... !

Password must be at least 6 characters long.

Login

- if login is successful then it should display an alert message "Login Successful"

The image shows a dark-themed alert dialog box at the top with the text "127.0.0.1:5500 says" and "Login successful!". Below the alert is a light-themed login form. The form contains a text input field with the email "abc@mail.com", a label "Password" above another text input field containing six dots, and a blue "Login" button.

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Register page

# Register

Name

Email address


Password

Phone Number

- if all fields are empty


## Register

Name




Please enter your name.

Email address




Please enter a valid email address.

Password



Password must be at least 6 characters long.

Phone Number




Please enter a valid phone number.

## Register

Name

Email address

 Please include an '@' in the email address. 'abc' is missing an '@'.

Password

Phone Number

Register

- if email is invalid

- if phone number is invalid (phone number must be in digits and of exactly 10 digits.)

## Register

Name

abc ✓

Email address

abc@mail.com

Password

..... ✓

Phone Number

abc !

Please enter a valid phone number.

Register



# Register

Name



Please enter your name.

Email address



Please enter a valid email address.

Password



Password must be at least 6 characters long.

Phone Number



Register

- if registration is successful then it should display an alert message "Registration Successful"

**127.0.0.1:5500 says**  
Registration successful!

OK

abc

Email address

abc@mail.com

Password

.....

Phone Number

1234512345

Register